

=> fil reg

FILE 'REGISTRY' ENTERED AT 14:31:11 ON 13 JUN 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2007 HIGHEST RN 937161-92-7

DICTIONARY FILE UPDATES: 12 JUN 2007 HIGHEST RN 937161-92-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

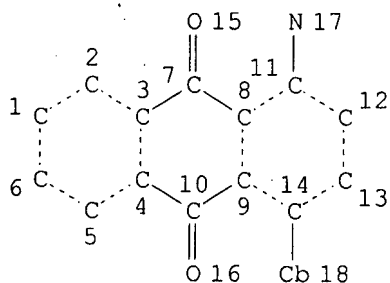
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d sta que l59

L53 STR



NODE ATTRIBUTES:

CONNECT IS M1 RC AT 12

CONNECT IS M1 RC AT 13

CONNECT IS M1 RC AT 17

CONNECT IS M1 RC AT 18

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 18

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS E6 C AT 18

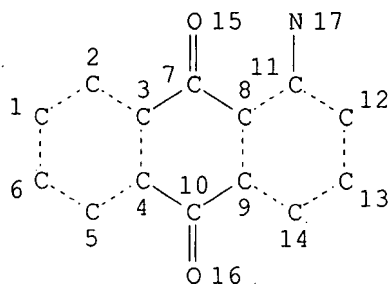
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L55 STR



NODE ATTRIBUTES:

CONNECT IS M1 RC AT 12
 CONNECT IS M1 RC AT 13
 CONNECT IS M1 RC AT 14
 CONNECT IS M1 RC AT 17
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE

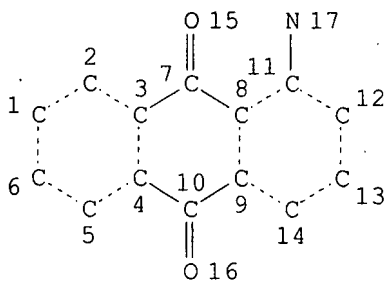
L57 29878 SEA FILE=REGISTRY CSS FUL L55
 L59 34 SEA FILE=REGISTRY SUB=L57 CSS FUL L53

100.0% PROCESSED 29878 ITERATIONS
 SEARCH TIME: 00.00.02

34 ANSWERS

=> d sta que l63

L55 STR



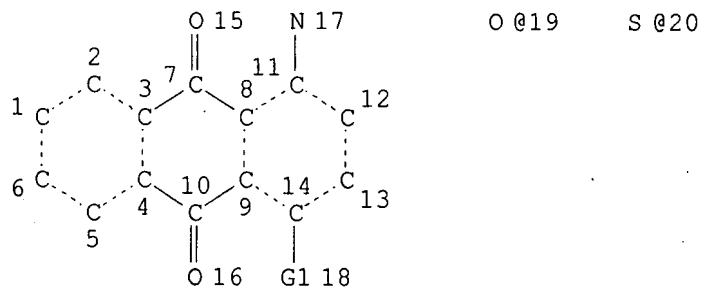
NODE ATTRIBUTES:

CONNECT IS M1 RC AT 12
 CONNECT IS M1 RC AT 13
 CONNECT IS M1 RC AT 14
 CONNECT IS M1 RC AT 17
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE
 L57 29878 SEA FILE=REGISTRY CSS FUL L55
 L61 STR



VAR G1=19/20
 NODE ATTRIBUTES:
 CONNECT IS M1 RC AT 12
 CONNECT IS M1 RC AT 13
 CONNECT IS M1 RC AT 17
 CONNECT IS M1 RC AT 19
 CONNECT IS M1 RC AT 20
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

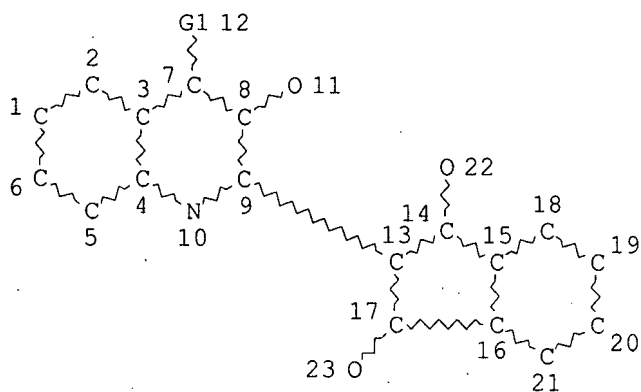
GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE
 L63 4794 SEA FILE=REGISTRY SUB=L57 CSS FUL L61

100.0% PROCESSED 5471 ITERATIONS
 SEARCH TIME: 00.00.01

4794 ANSWERS

=> d sta que 167
 L65 STR



VAR G1=H/X
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 13 9
NUMBER OF NODES IS 23

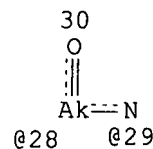
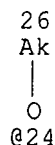
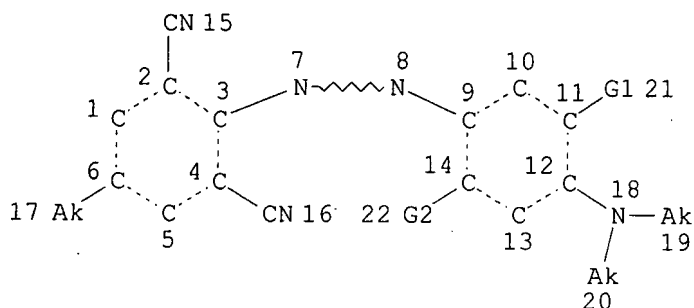
STEREO ATTRIBUTES: NONE

L67 63 SEA FILE=REGISTRY CSS FUL L65

100.0% PROCESSED 1782 ITERATIONS
SEARCH TIME: 00.00.01

63 ANSWERS

=> d sta que l113
L111 STR



VAR G1=H/AK/24
VAR G2=H/AK/28/29
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 13 3
NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

L113 27 SEA FILE=REGISTRY CSS FUL L111

100.0% PROCESSED 2761 ITERATIONS
SEARCH TIME: 00.00.01

27 ANSWERS

=> d his

(FILE 'HOME' ENTERED AT 13:09:04 ON 13 JUN 2007)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 13:09:19 ON 13 JUN 2007
L1 1 S US20060123566/PN OR (US2005-529476# OR WO2003-EP10965 OR DE20
SEL RN

FILE 'REGISTRY' ENTERED AT 13:10:39 ON 13 JUN 2007
L2 4 S E1-E4
L3 1 S L2 AND PMS/CI

L4 296 S C10H8O3S AND C6-C6/ES AND 50-00-0/CRN
 L5 3 S L4 AND 2/NC
 L6 3 S L3,L5
 L7 293 S L4 NOT L6
 L8 104 S L7 AND 2/NR
 L9 81 S L8 NOT UNSPECIFIED
 L10 60 S L9 AND 3/NC
 L11 17 S L10 NOT SALT
 L12 43 S L10 NOT L11
 L13 21 S L9 NOT L10
 L14 1 S L13 AND (CA AND NA)/ELS
 L15 1 S L13 AND (K AND NA)/ELS
 L16 1 S L13 AND H3N AND NA
 L17 1 S L13 AND (AL AND CA)/ELS
 L18 1 S L13 AND CE/ELS
 L19 5 S L14-L18
 L20 51 S L6,L12,L19

FILE 'HCAPLUS' ENTERED AT 13:18:16 ON 13 JUN 2007

L21 3526 S L20
 L22 713 S FORMALDEHYDE(S) (NAPHTHALENESULFONIC OR NAPHTHALENESULPHONIC) (
 L23 102 S FORMALDEHYDE(S)NAPHTHALENE(S) (SULFONIC OR SULPHONIC) ()ACID(S)
 L24 258 S FORMALDEHYDE(S) (NAPHTHALENESULFONATE OR NAPHTHALENESULPHONATE
 L25 64 S FORMALDEHYDE(S)NAPHTHALENE(S) (SULFONATE OR SULPHONATE) (S) (COP

FILE 'REGISTRY' ENTERED AT 13:20:16 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 13:21:51 ON 13 JUN 2007

L26 100 S AGNIQUE ANSC 1NP OR ARKOTAN OR BELLOID SFD OR CEMENTA MELCRET
 L27 30 S FORMALIN(S) (NAPHTHALENESULFONIC OR NAPHTHALENESULPHONIC) (W)AC
 L28 6 S FORMALIN(S)NAPHTHALENE(S) (SULFONIC OR SULPHONIC) (W)ACID(S) (CO
 L29 19 S FORMALIN(S) (NAPHTHALENESULFONATE OR NAPHTHALENESULPHONATE) (S)
 L30 2 S FORMALIN(S)NAPHTHALENE(S) (SULFONATE OR SULPHONATE) (S) (COPOLYM
 L31 278 S (FORMALIN OR FORMALDEHYDE) (S) (NAPHTHALENESULFONIC OR NAPHTHAL
 L32 103 S (FORMALIN OR FORMALDEHYDE) (S) (NAPHTHALENESULFONATE OR NAPHTHA
 L33 53 S (FORMALIN OR FORMALDEHYDE) (S)NAPHTHALENE(S) (SULFONIC OR SULPH
 L34 42 S (FORMALIN OR FORMALDEHYDE) (S)NAPHTHALENE(S) (SULFONATE OR SULP
 L35 36758 S MIGHTY() (150 OR 100) OR NF B OR LOMAR D OR NFB OR DEMOL() (N O
 L36 506 S DEMOL AS
 L37 18 S DAXAD 19
 L38 20 S DARVAN NO 1
 L39 2 S TAMOLL
 L40 38 S NAPHTHALENE SULFONIC ACID FORMALDEHYDE CONDENSATE
 L41 1 S NAPHTHALENE SULPHONIC ACID FORMALDEHYDE CONDENSATE
 L42 210 S (NAPHTHALENESULPHONIC OR NAPHTHALENESULFONIC) ()ACID FORMALDEH
 L43 2 S MELCRETE 500F
 L44 13 S LEVELON
 L45 29 S DISPERGATOR NF
 L46 39718 S L21-L45
 E AZO/CT
 L47 5621 S E30-E40
 E E30+ALL
 L48 37374 S E7+OLD,NT
 E ANTHRAQUINONE/CT
 L49 1123 S E5-E9
 E E5+ALL
 L50 10922 S E4+OLD,NT
 E QUINOPHTHALONE/CT
 L51 189 S L46 AND L47-L50

FILE 'REGISTRY' ENTERED AT 13:34:16 ON 13 JUN 2007

L52 35458 S (2508.17.45 AND 46.150.18)/RID AND O>=2 AND N/ELS
L53 STR
L54 1 S L53 CSS SAM SUB=L52
L55 STR L53
L56 50 S L55 CSS SAM
L57 29878 S L55 CSS FUL
L58 1 S L53 CSS SAM SUB=L57
L59 34 S L53 CSS FUL SUB=L57
SAV L59 NGUYEN529A/A
L60 1 S L2 AND L57
L61 STR L55
L62 50 S L61 CSS SAM SUB=L57
L63 4794 S L61 CSS FUL SUB=L57
SAV TEMP L63 NGUYEN529B/A

FILE 'HCAPLUS' ENTERED AT 13:42:58 ON 13 JUN 2007

L64 37 S L59,L60,L63 AND L46

FILE 'REGISTRY' ENTERED AT 13:43:14 ON 13 JUN 2007

L65 STR
L66 3 S L65 CSS SAM
L67 63 S L65 CSS FUL
SAV L67 TEMP NGUYEN529C/A
L68 49 S L67 AND IDS/CI
L69 14 S L67 NOT L68
L70 13 S L69 NOT MXS/CI

FILE 'HCAPLUS' ENTERED AT 13:45:56 ON 13 JUN 2007

L71 19 S L70 AND L46
L72 201 S L51,L64,L71

FILE 'REGISTRY' ENTERED AT 13:47:09 ON 13 JUN 2007

L73 17 S (PYRROLE OR FURAN OR THIOPHENE OR PYRAZOLE OR IMIDAZOLE OR OX
L74 1389 S NSC3-C6/ES AND 333.255.8/RID AND 2/NR AND 1/NC
L75 81 S L74 AND 4/ELC.SUB
L76 2 S L75 AND 1/N AND 1/S AND 7/C
L77 1 S L76 NOT D/ELS
L78 61119 S PYRID?(S)THIO? AND 2/NR
L79 9173 S L78 NOT NC5/ES
L80 1386 S L79 AND 4/ELC.SUB
L81 1024 S L80 AND 1/S
L82 30 S L81 AND 1/N
L83 57843 S SC4-NC5/ES
L84 495 S L83 AND 2/NR AND 1/NC AND 4/ELC.SUB
L85 24 S L84 AND 7/C AND 1/N AND 1/S
L86 16 S L85 NOT DIHYDRO
L87 14 S L86 NOT PMS/CI
L88 13 S L87 NOT ION
L89 10 S L88 NOT HYDRO
L90 7 S L89 NOT D/ELS
L91 6 S L90 NOT IUM
L92 2045 S PYRIMID?(S)THIO? AND 2/NR AND 1/NC AND 4/ELC.SUB AND 1/S NOT
L93 615 S L92 NOT NCNC3/ES
L94 0 S L93 AND NCNC3-SC4/ES
L95 0 S L93 AND SC4-NCNC3/ES
L96 83800 S SC4-NCNC3/ES
L97 569 S L96 AND 2/NR AND 1/NC AND 4/ELC.SUB
L98 8 S L97 AND 2/N AND 1/S AND 6/C
L99 7 S L98 NOT CL/ELS

L100 3623 S SC4-SC4/ES
L101 47 S L100 AND 2/S AND 6/C AND 3/ELC.SUB AND 2/NR AND 1/NC
L102 40 S L101 AND H/ELS
L103 27 S L102 NOT PMS/CI
L104 7 S L103 NOT ((D OR T)/ELS OR IUM OR RPS/CI OR ION OR YLIDE)
L105 45 S NCSC2-SC4/ES AND 2/NR AND 1/NC AND 4/ELC.SUB AND H/ELS
L106 21 S L105 AND 1/N AND 2/S
L107 5 S L106 AND 5/C
L108 3 S L107 NOT AZABICYCLO
L109 41 S L73,L77,L91,L99,L104,L108

FILE 'HCAPLUS' ENTERED AT 14:03:27 ON 13 JUN 2007

L110 230 S L109 AND L46

FILE 'REGISTRY' ENTERED AT 14:03:44 ON 13 JUN 2007

L111 STR
L112 2 S L111 CSS SAM
L113 27 S L111 CSS FUL
SAV L113 NGUYEN529D/A

FILE 'HCAPLUS' ENTERED AT 14:08:18 ON 13 JUN 2007

L114 1 S L113 AND L46
L115 431 S L72,L110,L114
L116 112 S L115 AND PY<=2002 NOT P/DT
L117 240 S L115 AND (PD<=20021004 OR PRD<=20021004 OR AD<=20021004) AND
L118 352 S L116,L117
L119 79 S L115 NOT L118
L120 10047 S 1 2 ETHANEDIOL
L121 16726 S 1 2 PROPANEDIOL
L122 17430 S 1 3 PROPANEDIOL
L123 175669 S GLYCEROL OR GLYCERIN?
L124 81 S 1 2 5 PENTANETRIOL
L125 910 S 1 2 6 HEXANETRIOL
L126 887 S 1 2 HEXANEDIOL
L127 776 S 1 2 PENTANEDIOL
L128 34 S L115 AND L120-L127

FILE 'REGISTRY' ENTERED AT 14:13:39 ON 13 JUN 2007

L129 1 S 107-21-1
L130 2 S 57-55-6 OR 504-63-2
L131 4 S C3H8O2/MF AND IDS/CI
L132 3 S L131 AND PROPANEDIOL
L133 1 S 56-81-5
L134 1 S 14697-46-2
L135 1 S 106-69-4
L136 1 S 29117-56-4
L137 1 S 6920-22-5
L138 45 S C6H14O2/MF AND HEXANEDIOL
L139 3 S L138 AND 1 2
L140 2 S L138 AND IDS/CI
L141 1 S 5343-92-0
L142 34 S C5H12O2/MF AND PENTANEDIOL
L143 4 S L142 AND 1 2
L144 3 S L143 NOT 14C
L145 1 S L142 AND IDS/CI
L146 30 S C6H14O3/MF AND HEXANETRIOL
L147 3 S L146 AND 1 2 6
L148 1 S L146 AND IDS/CI
L149 12 S C5H12O3/MF AND PENTANETRIOL
L150 3 S L149 AND 1 2 5

L151 1 S L149 AND IDS/CI
 L152 24 S L129,L130,L132-L134,L137,L139-L141,L144,L145,L147,L148,L150,L

FILE 'HCAPLUS' ENTERED AT 14:21:30 ON 13 JUN 2007

L153 16 S L152 AND L115
 L154 36 S L128,L153
 E HEES/AU
 E HEES U/AU
 L155 27 S E5
 E KLUGE/AU
 E KLUGE M/AU
 L156 159 S E3-E5,E12
 E ALBERT/AU
 L157 14 S E3
 E ALBERT B/AU
 L158 48 S E3-E7
 L159 62 S E21,E22
 E HEISLER/AU
 L160 30 S E7-E8,E10,E11
 E FUNKE/AU
 E FUNKE F/AU
 L161 79 S E3-E5
 E FUENKE/AU
 E FEUNKE/AU
 E SIEMENSMEYER/AU
 L162 171 S E7-E9
 E WERNER/AU
 L163 19 S E3
 E WERNER J/AU
 L164 350 S E3-E19
 L165 1 S E61
 L166 75 S E90-E93
 L167 17 S E97-E99
 L168 1 S L154 AND L155-L167
 L169 2 S BASF?/PA,CS AND L154
 L170 1 S L169 NOT PHARMAC?/SC,SX
 L171 26 S L154 AND L118
 L172 5 S L171 AND TEXTIL?/SC,SX,CW,CT,BI
 E TEXTILE/CT
 L173 3 S L171 AND (E4 OR E15+OLD,NT)
 L174 1 S L171 AND E32+OLD,NT
 E E4+ALL
 L175 0 S L171 AND E2+OLD,NT
 E E2+ALL
 L176 0 S L171 AND E12+OLD,NT
 E INK/CT
 L177 1 S L171 AND (E3 OR E7 OR E8 OR E14+OLD,NT OR E18+OLD,NT OR E20+O
 L178 6 S L171 AND INK?/SC,SX,CW,CT,BI
 L179 9 S L170,L172-L178
 L180 17 S L171 NOT L179
 L181 7 S L179 AND L2
 L182 9 S L179,L181

FILE 'REGISTRY' ENTERED AT 14:31:11 ON 13 JUN 2007

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 14:32:18 ON 13 JUN 2007

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jan delaval - 13 june 2007